

EAST [databases: US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM\_TDB]

(inventor)  
L1 16 CHRISTOFF.in. WILLIAM.in.  
L2 0 NESTLEROODE.in. JAMES.in.  
L3 131 JOHANSON.in. JAMES.in.

((class/subclass)

L20 60 181/101.CCLS.  
L21 203 181/113.CCLS.  
L22 301 181/116.CCLS.  
L23 185 181/118.CCLS.  
L24 334 181/120.CCLS.  
L25 332 181/141.CCLS.  
L26 193 181/142.CCLS.  
L27 134 181/143.CCLS.  
L28 269 181/151.CCLS.  
L29 298 181/401.CCLS.  
L30 143 181/402.CCLS.  
L31 328 367/1.CCLS.  
L32 234 367/2.CCLS.  
L33 198 367/3.CCLS.  
L34 220 367/4.CCLS.  
L35 641 367/13.CCLS.  
L36 567 367/140.CCLS.  
L37 468 367/141.CCLS.  
L38 275 367/142.CCLS.  
L39 89 367/143.CCLS.  
L40 128 367/145.CCLS.  
L41 275 367/151.CCLS.

(text)

L4 0 11 and 13  
L15 16 piston acoustic hz  
L16 0 same acoustic same hz and predetermined adj time  
L17 80 piston and acoustic and hz and predetermined and time and combustion  
L19 31 piston and acoustic and hz and predetermined with time and combustion

((forward/backward)

L5 8 "3679021"  
L10 6 ("3277437" | "3506085" | "3522862").PN.  
L6 16 ("3903988" | "3326467").PN.  
L11 2 ("4258546"  
L7 14 ("2410538" | "2918791" | "3011312" | "3088406" | "3479818").PN.  
L12 10 ("4353431" | "2994397" | "3048816" | "3289784" | "3397755" | "3588801" | "4043420" | "4078632" | "4108271" |  
"4156979" | "4193472").PN.  
L9 2 ("2820971" | "3276366" | "3351010" | "3354826" | "3408935").PN.  
L14 10

((interference) (piston and acoustic and hz and predetermined and time and combustion).c1m.  
L18 0 (piston and acoustic and hz and predetermined and time and combustion).c1m.